

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD
FISH RACEWAYS OR TANK
(Feet)
CODE 398**

DEFINITION

A channel with a continuous flow of water constructed to produce fish.

PURPOSE

To provide a water area with rapid exchange of water for producing fish.

CONDITION WHERE PRACTICE APPLIES

On land where water resources and topography are suitable for constructing a raceway.

CONSIDERATIONS**Quantity**

1. Effects on the water budget, especially on volumes and rates of runoff, infiltration, evaporation, transpiration, deep percolation, and ground water recharge.
2. Effects on downstream flows and aquifers that would affect other water uses.
3. Effects on the volume of downstream flow that might cause undesirable environmental, social, or economic effects.

Quality

1. Effects on the visual quality of downstream water resources.
2. Short-term and construction-related effects on the quality of the onsite and downstream water.
3. Effects on the movement of dissolved substances below the root zone and toward the ground water.
4. Effects on wetlands and water-related wildlife habitats.

PLANS AND SPECIFICATIONS

Details and needs for this practice are highly variable. Specifications will be developed on an individual case basis by the biologist and engineer.

1. Refer to Animal Guide, Raceway Management for Trout (in Wyoming), when planning raceways for trout production.

2. Have water quality analyzed prior to construction.
3. Plan diversions to keep unwanted water, silt, and debris out of the raceway system.

Specifications for establishment and operation of this practice shall be prepared for each field or treatment unit according to the Criteria, Considerations, and O&M described in this standard.

Specifications shall be recorded using approved certification sheets, job sheets, narrative statements in the conservation plan, or other acceptable methods.

Additional Documentation Required:

1. Location - Field Numbers and Map.
2. Water quality analysis results.
3. Soil map unit information.
4. DEQ water discharge permit.
5. Date and signature.
6. Date practice applied.

WY-ECS-41 and 42 are applicable to this practice.

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resources Conservation Service.